

SEQUENCE LISTING

<110> Cen, Hui
 Garcia, Pablo D.
 Grieshammer, Uta
 Kassam, Altaf
 Lee, Pauline P.
 Pot, David
 Gospodarowicz, Dennis
 Martin, Kathleen

<120> HUMAN FGF GENE AND GENE EXPRESSION
 PRODUCTS

<130> 200130.401

<140> US 09/264,851
 <141> 1999-03-08

<160> 6

<170> FastSEQ for Windows Version 3.0

<210> 1
 <211> 1128
 <212> DNA
 <213> Homo Sapien

<400> 1

ctatagaagg	tacgcctgca	ggtaccggtc	cggattccc	gggtcgaccc	acgcgtccgc	60
ccacgcgtcc	gcccacgcgt	ggggacgcgg	aggaggagac	atgagccggc	gggcgcccag	120
acggagcggc	cgtgacgctt	tcgcgctgca	gcccgcgcgc	ccgaccccccgg	agcgctgacc	180
cctggccccc	cgcagctccg	cgccccggcc	ggagagcgca	actcggttcc	cagacccgccc	240
gcccgcgtct	tcccccggact	gagccgggca	gccagcctcc	cacggacgccc	cggacggcccg	300
gcccggccagg	agtgagcgag	cttcccccgc	cggccaggcc	gcctcctgca	caacggctgc	360
cgcggccggcag	ccccctgcgc	agcccgagg	gcccggcgct	cgggaggaggc	cgcgcggggc	420
gctgatgccc	cagggcgcgc	cgcggagcgc	ccccggagcag	cagagtctgc	agcagcagca	480
gcccggcgagg	agggagcaggc	agcagcggcg	ccccggcgccc	ggaggcgccc	540	
ggtcccccggcc	gcccggcgaggc	gacatgtgca	ggctggggcta	ggagccggccg	cctccctccc	600
gccccagcgtat	gtattcagcg	ccctccgcct	gcacttgct	gtgtttacac	ttcctgctgc	660
tgtgcttcca	ggtacaggtg	ctgttgcgc	aggagaacgt	ggacttccgc	atccacgtgg	720
agaaccagac	gcgggctcgg	gacatgtga	gccgtaagca	gctgcggctg	taccagctct	780
acagccggac	cagtggaaa	cacatccagg	tcctggggccg	caggatcagt	gcccggcgcc	840
aggatgggaa	caagtatgcc	cagctcctag	tggagacaga	caccccggt	agtcaagtcc	900
ggatcaaggc	caaggagacg	gaattctacc	tgtgcatgaa	ccgcaaaggc	agctcggtgg	960
ggaagcccgaa	tggcaccaggc	aaggagtgtg	tgttcatcga	gaaggttctg	gagaacaact	1020
acacggccct	gatgtcggt	aagactccg	gctggatcgt	gggcttcacc	aagaaggggc	1080
ggccgctcta	gaggatccct	cgaggggccc	aagcttacgc	gtgcatgc		1128

<210> 2
 <211> 160
 <212> PRT
 <213> Homo sapien

<400> 2

Met Tyr Ser Ala Pro Ser Ala Cys Thr Cys Leu Cys Leu His Phe Leu
 1 5 10 15
 Leu Leu Cys Phe Gln Val Gln Val Leu Val Ala Glu Glu Asn Val Asp
 20 25 30
 Phe Arg Ile His Val Glu Asn Gln Thr Arg Ala Arg Asp Asp Val Ser
 35 40 45
 Arg Lys Gln Leu Arg Leu Tyr Gln Leu Tyr Ser Arg Thr Ser Gly Lys
 50 55 60
 His Ile Gln Val Leu Gly Arg Arg Ile Ser Ala Arg Gly Glu Asp Gly
 65 70 75 80
 Asp Lys Tyr Ala Gln Leu Leu Val Glu Thr Asp Thr Phe Gly Ser Gln
 85 90 95
 Val Arg Ile Lys Gly Lys Glu Thr Glu Phe Tyr Leu Cys Met Asn Arg
 100 105 110
 Lys Gly Lys Leu Val Gly Lys Pro Asp Gly Thr Ser Lys Glu Cys Val
 115 120 125
 Phe Ile Glu Lys Val Leu Glu Asn Asn Tyr Thr Ala Leu Met Ser Ala
 130 135 140
 Lys Tyr Ser Gly Trp Tyr Val Gly Phe Thr Lys Lys Gly Arg Pro Leu
 145 150 155 160

<210> 3

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer sequence

<400> 3

gcgaggatgg ggacaagttat

20

<210> 4

<211> 1570

<212> DNA

<213> Homo sapien

<400> 4

cccacgcgtc	cgcgacgcg	tggggacgcg	gaggaggaga	catgagccgg	cgggcgcccc	60
gacggagccg	ccgtgacgt	ttcgcgtgc	agccgcgcgc	cccgaccccg	gagcgctgac	120
ccctggcccc	acgcagctcc	gcccggggc	cggagacgc	aactcggctt	ccagacccgc	180
cgcgcatgt	gtccccggac	tgagccggc	agccagctc	ccacggacgc	cggacggcc	240
ggccggccag	cagtgagcga	gcttcccccgc	accggccagg	cgcctcctgc	acaacggctg	300
ccgccccgca	gccccctgcgc	cagccggag	ggcgcagcgc	tcgggaggag	ccgcgcgggg	360
cgctgtatgcc	gcagggcgcg	ccgcggagcg	ccccggagca	gcagagtctg	cagcagcagc	420
agccggcgag	gaggggagcag	cagcagcggc	ggcggcggcgc	gcggcggcgg	cgaggcgcgc	480
cggtccccggc	cgcgcggagc	ggacatgtgc	aggctggct	aggagccgc	gcctccctcc	540
cgcggccggc	tgtattcagc	gcctccgc	tgcacttgcc	tgtgtttaca	cttctctgtg	600
ctgtgtttcc	aggtacaggt	gctggttgcc	gaggagaacg	tggacttccg	catccacgtg	660
gagaaccaga	cgcggctcg	ggacgatgtg	agccgtaagc	agctgcggct	gtaccagctc	720
tacagccgga	ccagttggaa	acacatccag	gtcctggcc	gcagatcag	tgcccgcggc	780
gaggatgggg	acaagtatgc	ccagctctta	gtggagacag	acacccctgg	tagtcaagtc	840
cggatcaagg	gcaaggagac	ggaattctac	ctgtgcatga	accgcaaagg	caagctcg	900
gggaagcccg	atggcaccag	caaggagtgt	gtgttcatcg	agaaggttct	ggagaacaac	960
tacacggccc	tatgtcggc	taagtactcc	ggctggta	tgggcttac	caagaagggg	1020

cggccgcgga	agggcccaa	gacccggag	aaccagcagg	acgtgcattt	catgaagcgc	1080
taccccaagg	ggcagccgga	gcttcagaag	cccttcaagt	acacgacggt	gaccaagagg	1140
tcccgtcgga	tccggccac	acaccctgcc	taggccaccc	cgccgcggcc	cctcagggtcg	1200
ccctggccac	actcacactc	ccagaaaact	gcatcagagg	aatattttta	catgaaaaat	1260
aaggaagaag	ctctatTTT	gtacattgtg	ttaaaagaa	gacaaaaact	gaaccaaaaac	1320
tcttgggggg	aggggtgata	aggattttat	tgttgacttg	aaaccccgaa	tgacaaaaaga	1380
ctcacgcaa	gggactgtag	tcaacccaca	ggtgcttgc	tctctctagg	aacagacaac	1440
tctaaactcg	tccccagagg	aggactgaa	tgaggaaacc	aacacttga	gaagccaaag	1500
tccttttcc	caaaggttct	gaaaggaaaa	aaaaaaaaac	aaaaaaaaaa	aaaaaaaaaa	1560
aaaaaaaaaa						1570

<210> 5
 <211> 207
 <212> PRT
 <213> Homo sapien

Met	Tyr	Ser	Ala	Pro	Ser	Ala	Cys	Thr	Cys	Leu	Cys	Leu	His	Phe	Leu
1										10					15
Leu	Leu	Cys	Phe	Gln	Val	Gln	Val	Leu	Val	Ala	Glu	Glu	Asn	Val	Asp
										20	25				30
Phe	Arg	Ile	His	Val	Glu	Asn	Gln	Thr	Arg	Ala	Arg	Asp	Asp	Val	Ser
										35	40				45
Arg	Lys	Gln	Leu	Arg	Leu	Tyr	Gln	Leu	Tyr	Ser	Arg	Thr	Ser	Gly	Lys
										50	55				60
His	Ile	Gln	Val	Leu	Gly	Arg	Arg	Ile	Ser	Ala	Arg	Gly	Glu	Asp	Gly
										65	70				80
Asp	Lys	Tyr	Ala	Gln	Leu	Leu	Val	Glu	Thr	Asp	Thr	Phe	Gly	Ser	Gln
										85	90				95
Val	Arg	Ile	Lys	Gly	Lys	Glu	Thr	Glu	Phe	Tyr	Leu	Cys	Met	Asn	Arg
										100	105				110
Lys	Gly	Lys	Leu	Val	Gly	Lys	Pro	Asp	Gly	Thr	Ser	Lys	Glu	Cys	Val
										115	120				125
Phe	Ile	Glu	Lys	Val	Leu	Glu	Asn	Asn	Tyr	Thr	Ala	Leu	Met	Ser	Ala
										130	135				140
Lys	Tyr	Ser	Gly	Trp	Tyr	Val	Gly	Phe	Thr	Lys	Lys	Gly	Arg	Pro	Arg
										145	150				160
Lys	Gly	Pro	Lys	Thr	Arg	Glu	Asn	Gln	Gln	Asp	Val	His	Phe	Met	Lys
										165	170				175
Arg	Tyr	Pro	Lys	Gly	Gln	Pro	Glu	Leu	Gln	Lys	Pro	Phe	Lys	Tyr	Thr
										180	185				190
Thr	Val	Thr	Lys	Arg	Ser	Arg	Arg	Ile	Arg	Pro	Thr	His	Pro	Ala	
										195	200				205

<210> 6
 <211> 15
 <212> PRT
 <213> Homo sapien

Lys	Arg	Tyr	Pro	Lys	Gly	Gln	Pro	Glu	Leu	Gln	Lys	Pro	Phe	Lys
1									5					15
										10				